

# **PCT**



### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

VIB 112		The state of the s
Applicant's or agent's file reference 0251874/2578	FOR FURTHER See Notification (Form PCT)	ation of Transmittal of International Search Report /ISA/220) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/yea	ar) (Earliest) Priority Date (day/month/year)
PCT/JP 02/10375	04/10/2002	
Applicant		
FUJITSU LIMITED		
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searchir ansmitted to the International Bureau.	ng Authority and is transmitted to the applicant
This International Search Report consists	of a total of sheets	
It is also accompanied by	a copy of each prior art document cited	in this report.
Basis of the report	interpretable and course wood corried out on	the basis of the international application in the
a. With regard to the language, the language in which it was filed, un	less otherwise indicated under this item.	the basis of the international application in the
the international search w Authority (Rule 23.1(b)).	ras carried out on the basis of a translati	on of the international application furnished to this
b. With regard to any nucleotide ar was carried out on the basis of th	nd/or amino acid sequence disclosed in esquence listing:	n the international application, the international search
	onal application in written form.	
filed together with the inte	ernational application in computer reada	ble form.
furnished subsequently to	this Authority in written form.	•
furnished subsequently to	this Authority in computer readble form	
the statement that the su		sting does not go beyond the disclosure in the
the statement that the inf		form is identical to the written sequence listing has been
furnished		
2. Certain claims were fou	ınd unsearchable (See Box I).	
3. Unity of invention is lac	king (see Box II).	
4. With regard to the <b>title</b> ,		
the text is approved as s	ubmitted by the applicant.	
IN THE SERVICE APPRICATION	shed by this Authority to read as follows:	;
The text has been established	silve by anotheriom, to read at the same	
5. With regard to the abstract,		
the text is approved as s	ubmitted by the applicant.	Authority as it appears in Box III. The applicant may,
the text has been establi	e date of mailing of this international sea	arch report, submit comments to this Authority.
6. The figure of the drawings to be put	olished with the abstract is Figure No.	1-19
X as suggested by the app	licant.	None of the figures.
because the applicant fa	iled to suggest a figure.	
because this figure bette	r characterizes the invention.	

Form PCT/ISA/210 (first sheet) (July 1998)



national Application No PCT/JP 02/10375

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04B10/17 H01S3/30

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H04B} & \mbox{H01S} \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

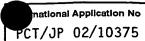
#### EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 022 870 A (LUCENT TECHNOLOGIES INC) 26 July 2000 (2000-07-26) column 5, line 15 - line 25 column 5, line 47 -column 6, line 6 column 6, line 48 -column 7, line 11	1-4,7-14
A	figures 2,5-7,9	5,6
Y	EP 1 148 666 A (LUCENT TECHNOLOGIES INC) 24 October 2001 (2001-10-24) page 2, line 28 - line 43 page 3, line 7 - line 34 page 3, line 57 -page 4, line 8 page 4, line 20 -page 5, line 28 claims 1-6	1-4,7-14
Α	figures 4-6,8  -/	5,6

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search  14 April 2003	Date of mailing of the international search report  22/04/2003
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Vaquero, R

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category ° Citation of document, with indication, where appropriate, of the relevant passages 1-14 EP 1 298 766 A (NORTEL NETWORKS LTD) Ε 2 April 2003 (2003-04-02) page 2, line 15 - line 20 page 3, line 26 - line 29 page 2, line 37 - line 45 page 3, line 1 - line 14 page 3, line 44 -page 4, line 19 page 5, line 35 - line 50 page 6, line 9 - line 39. claims 1,2 figures 1,2,5

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## INESRNATIONAL SEARCH REPORT

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1	national A		
	PCT/JP	02/10375	

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1022870	Α	26-07-2000	US EP JP	6163636 A 1022870 A2 2000214503 A	19-12-2000 26-07-2000 04-08-2000
EP 1148666	Α	24-10-2001	CA EP JP	2339756 A1 1148666 A2 2002006349 A	20-10-2001 24-10-2001 09-01-2002
EP 1298766	Α	02-04-2003	EP	1298766 A1	02-04-2003